

Fig. 1

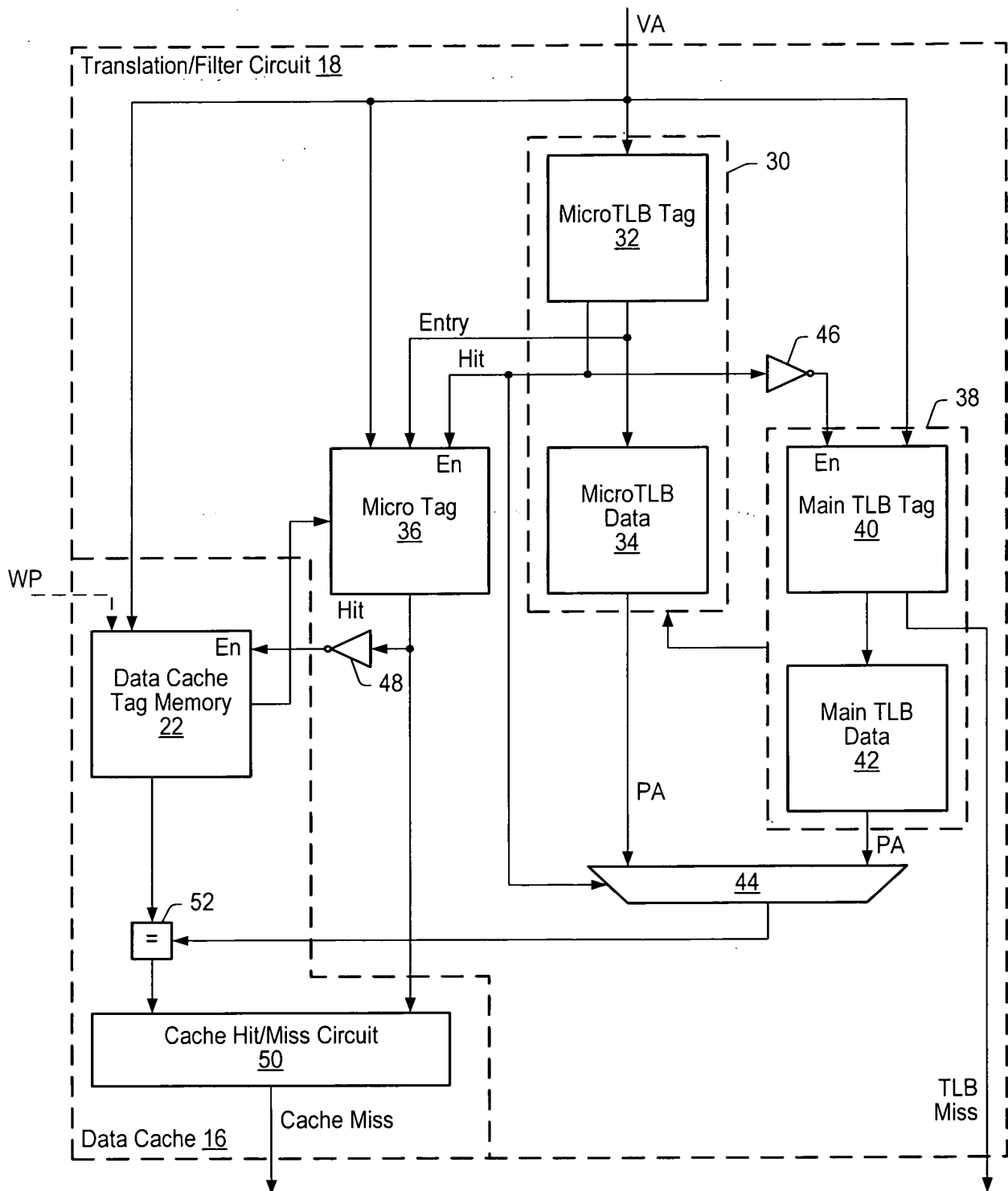


Fig. 2

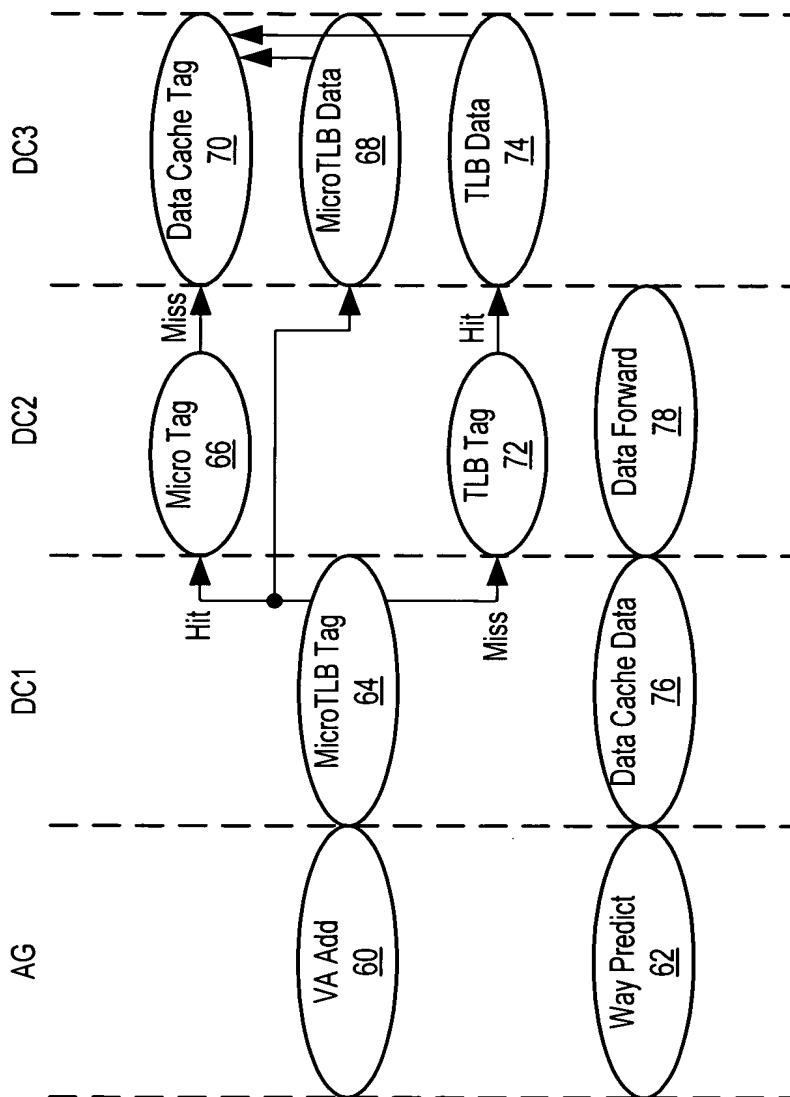


Fig. 3

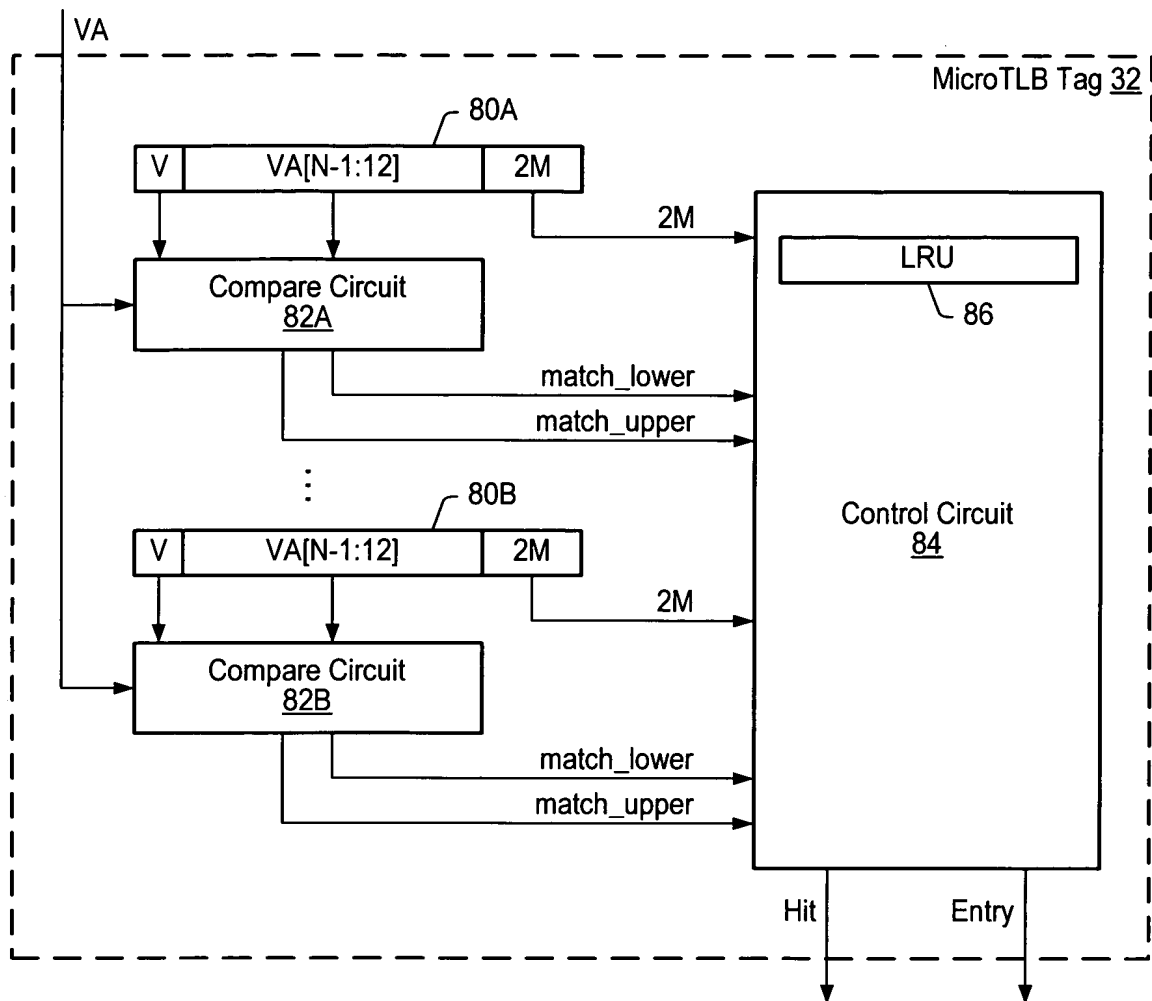


Fig. 4

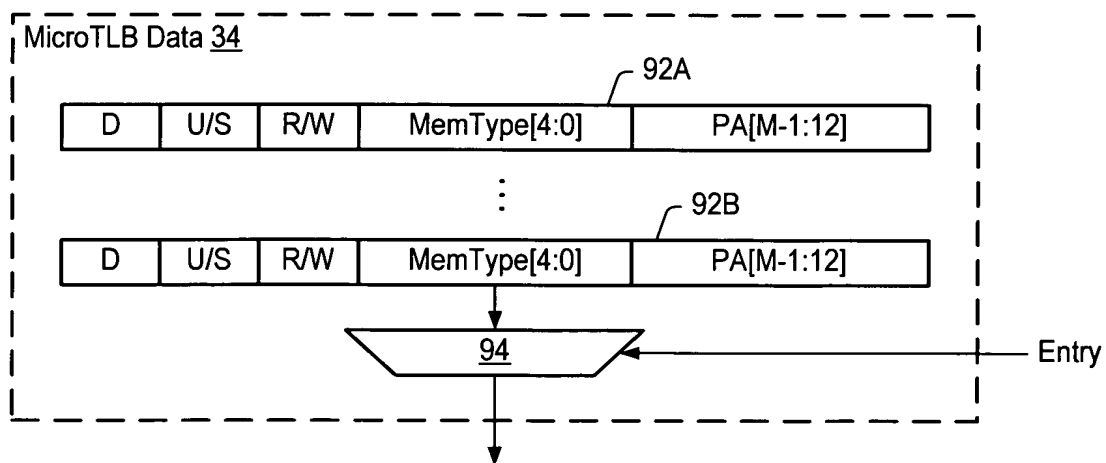


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<u>2M</u>	<u>match upper</u>	<u>match lower</u>	<u>Result</u>
x	0	x	MicroTLB miss (and thus Micro Tag Miss)
1	1	0	MicroTLB hit 2M page, Micro Tag Miss
1	1	1	MicroTLB hit 2M page, Micro Tag Lookup
0	1	0	MicroTLB miss (and thus Micro Tag Miss)
0	1	1	MicroTLB hit 4k page, Micro Tag Lookup

90 ↗

*Fig. 5*



*Fig. 6*

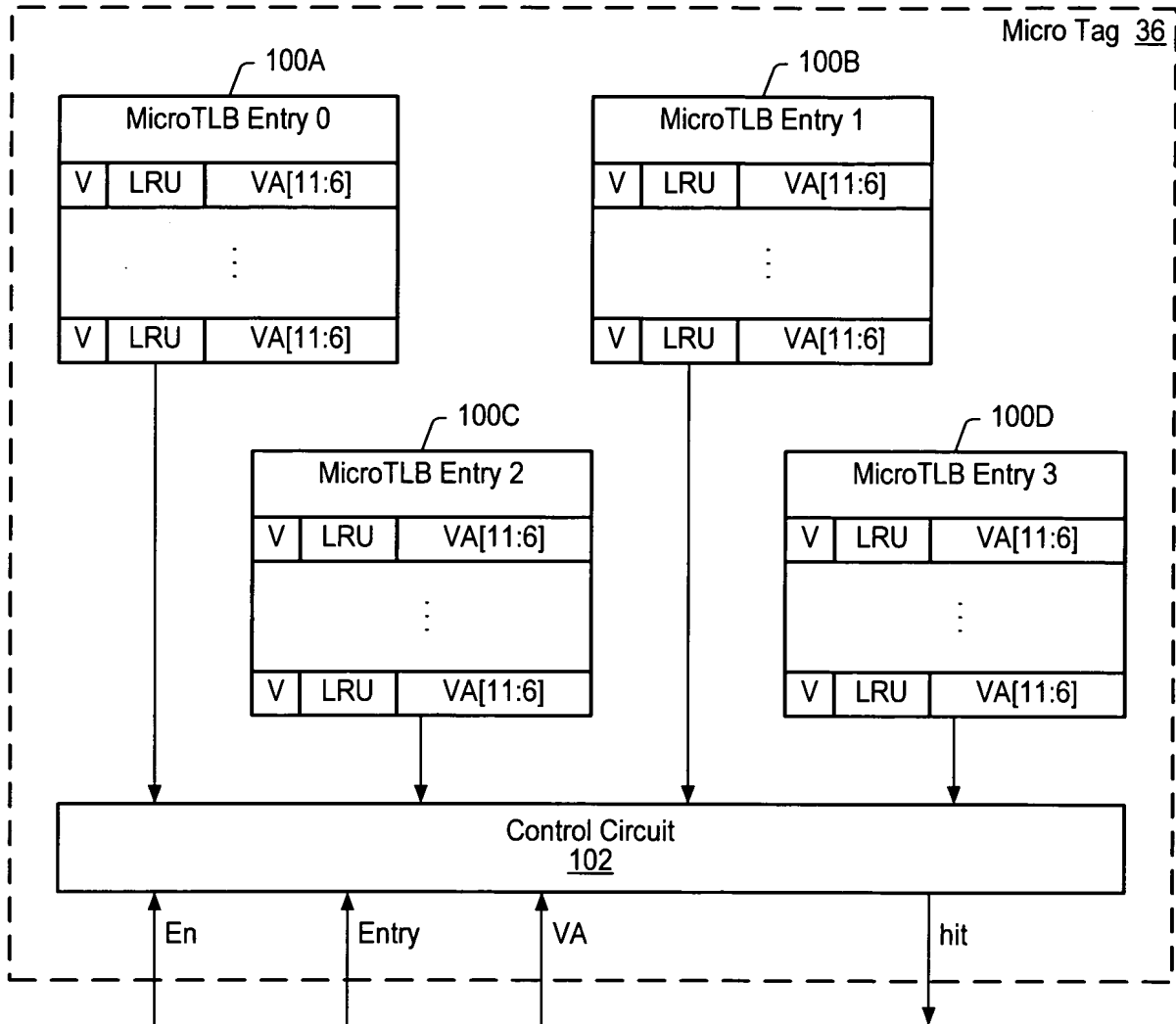


Fig. 7

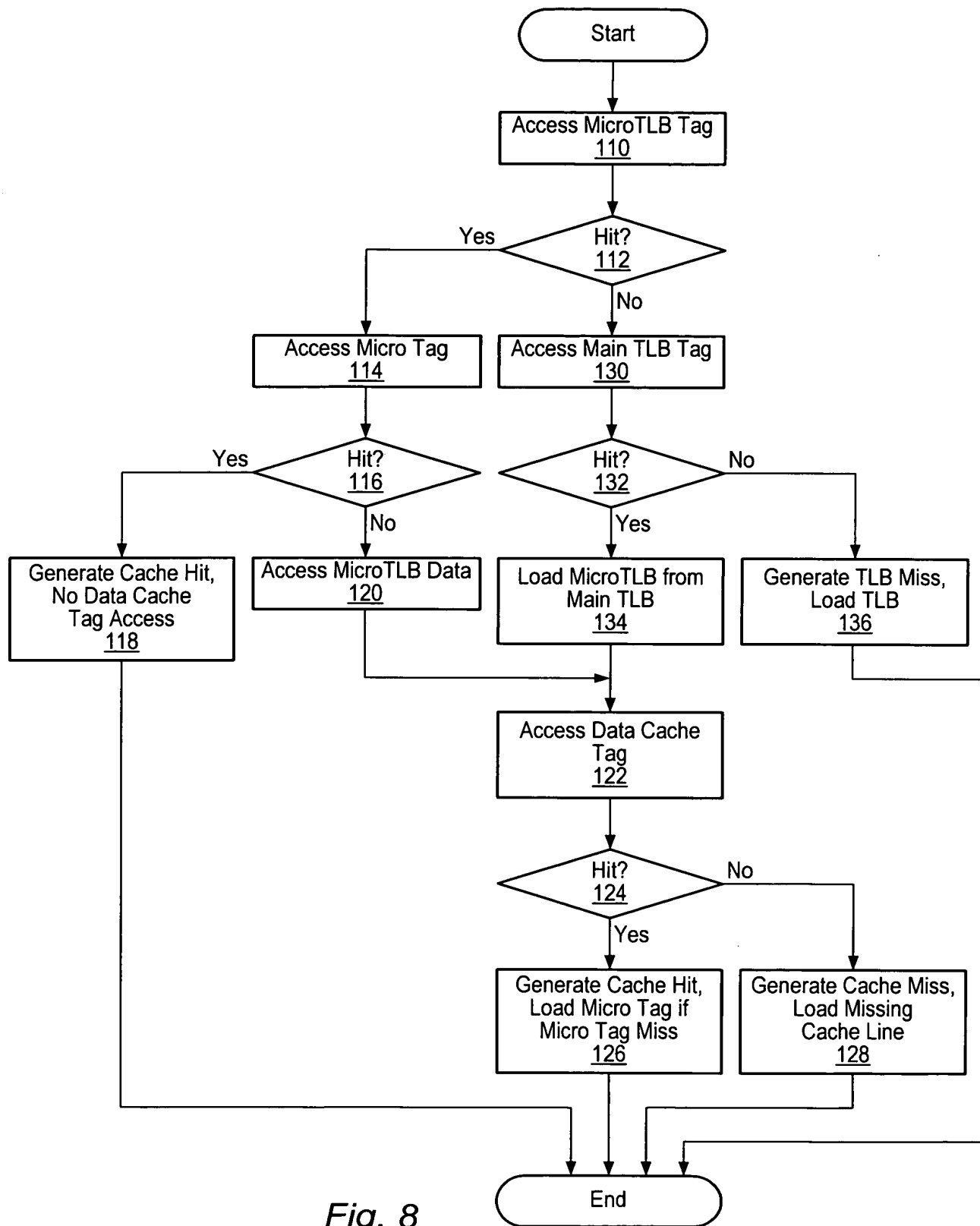


Fig. 8

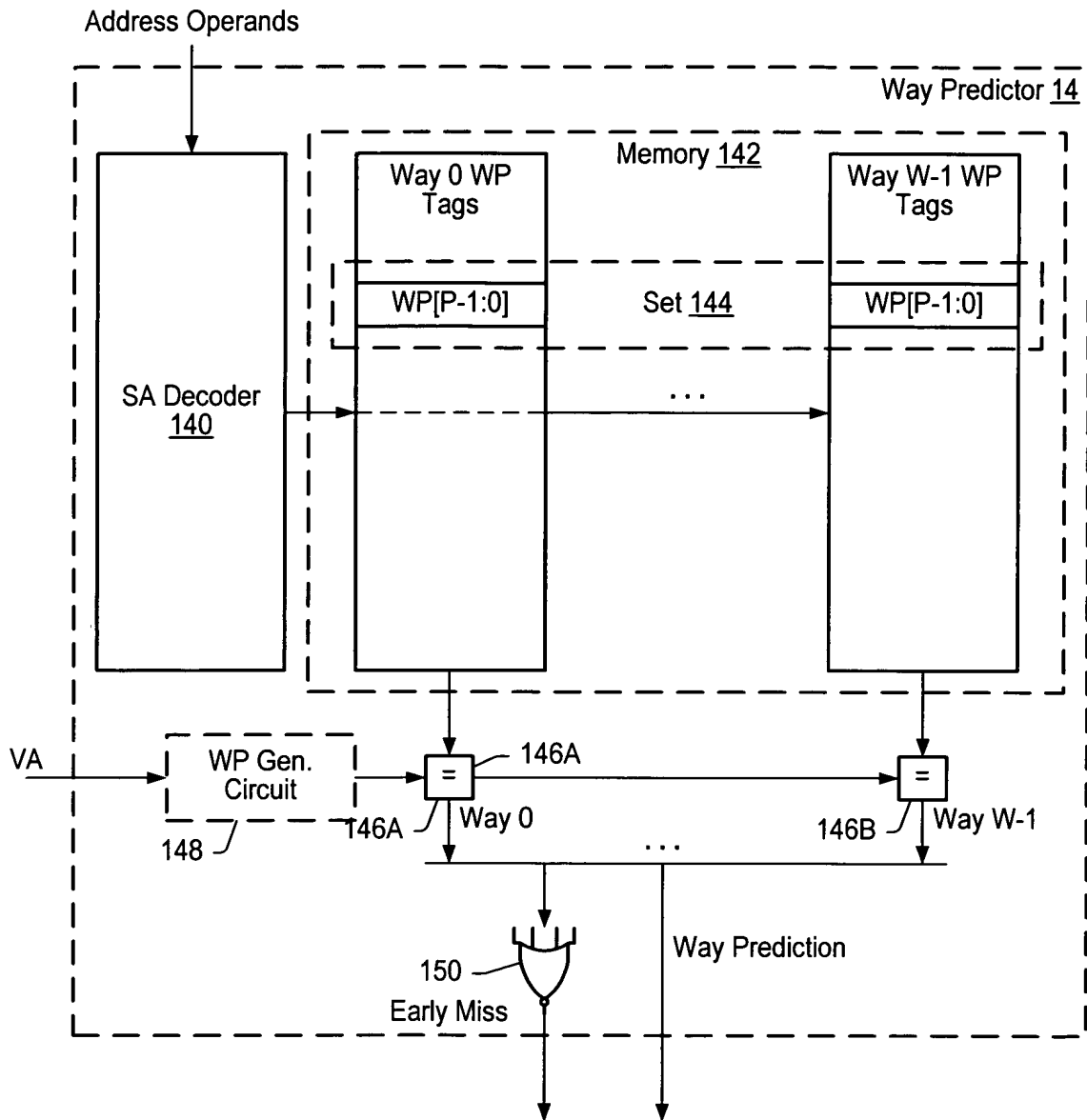


Fig. 9



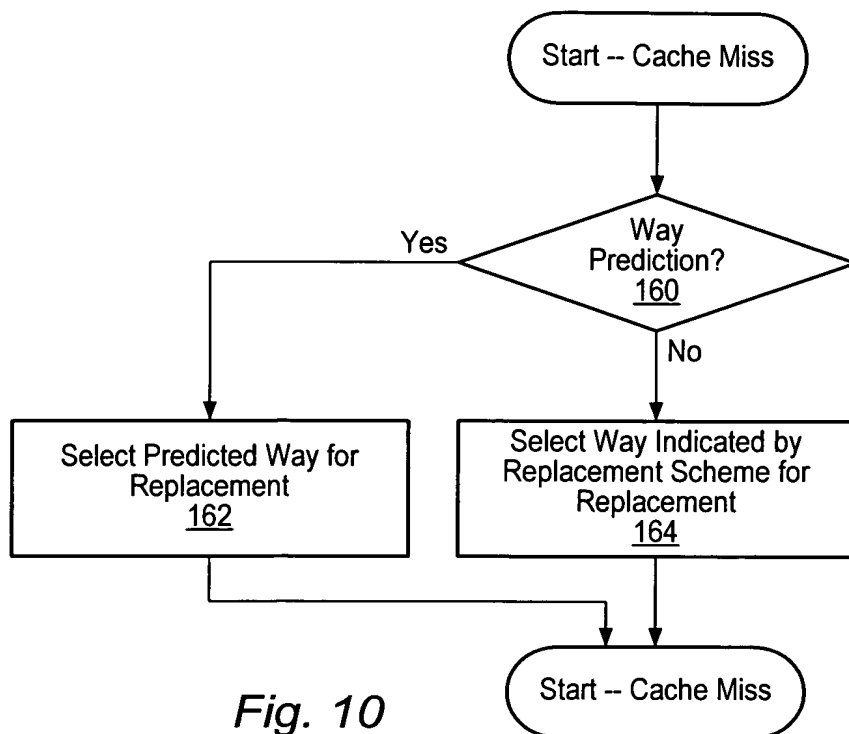


Fig. 10

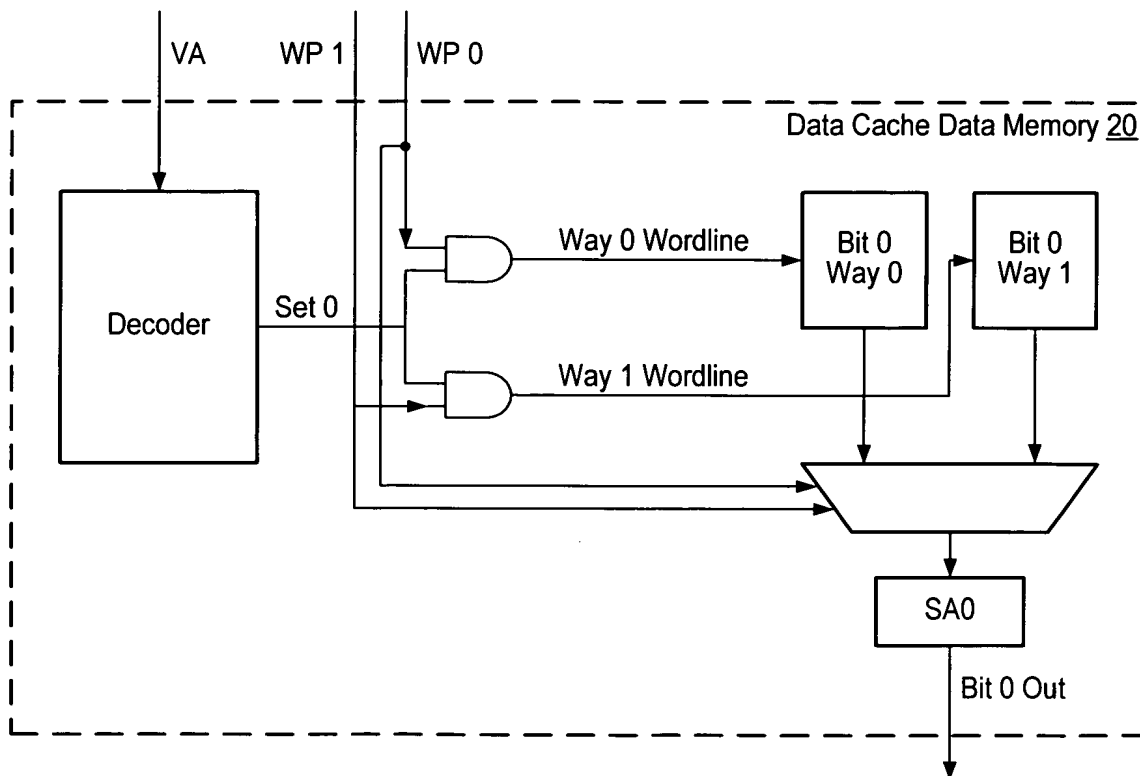
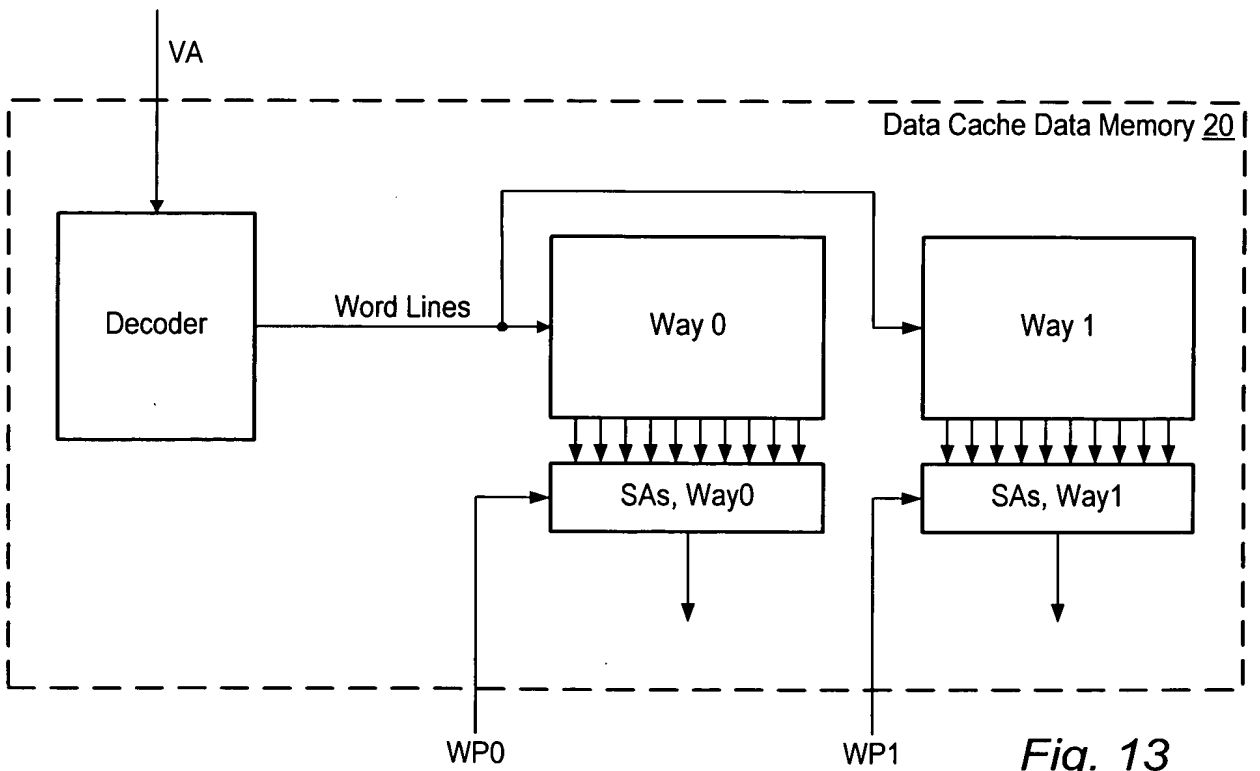
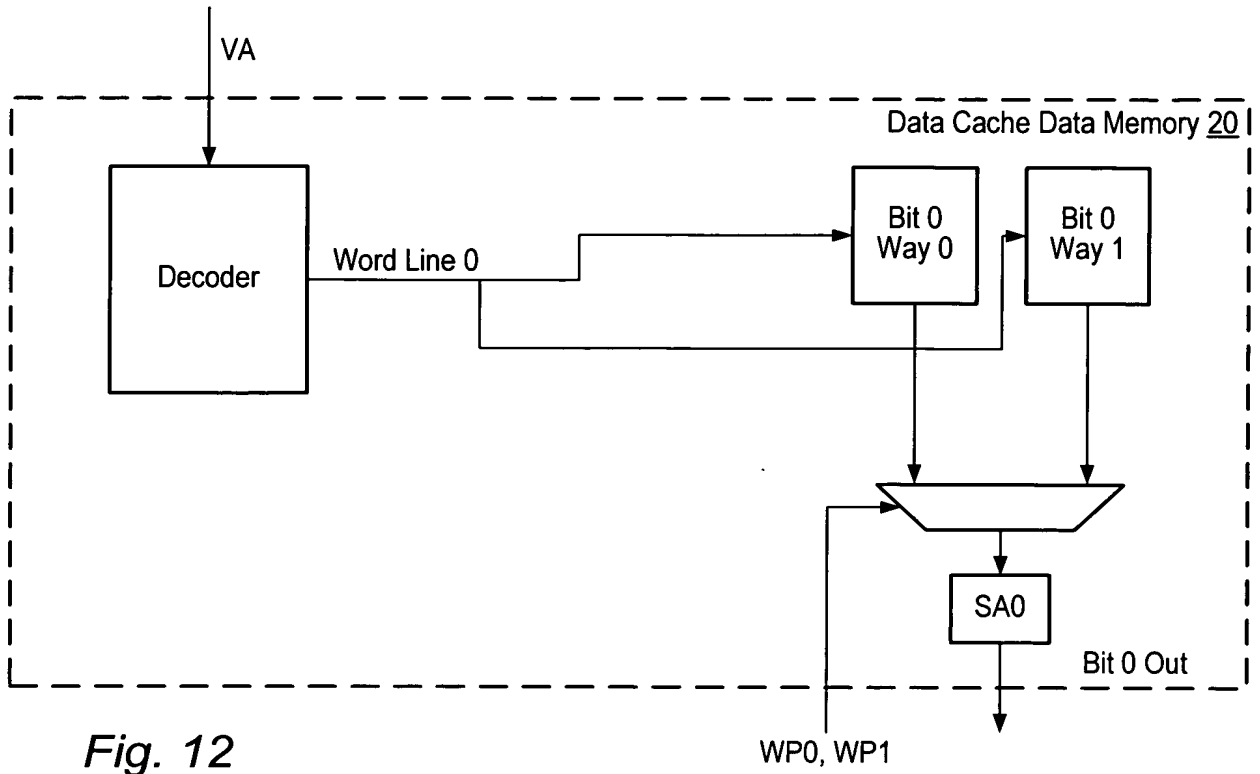


Fig. 11





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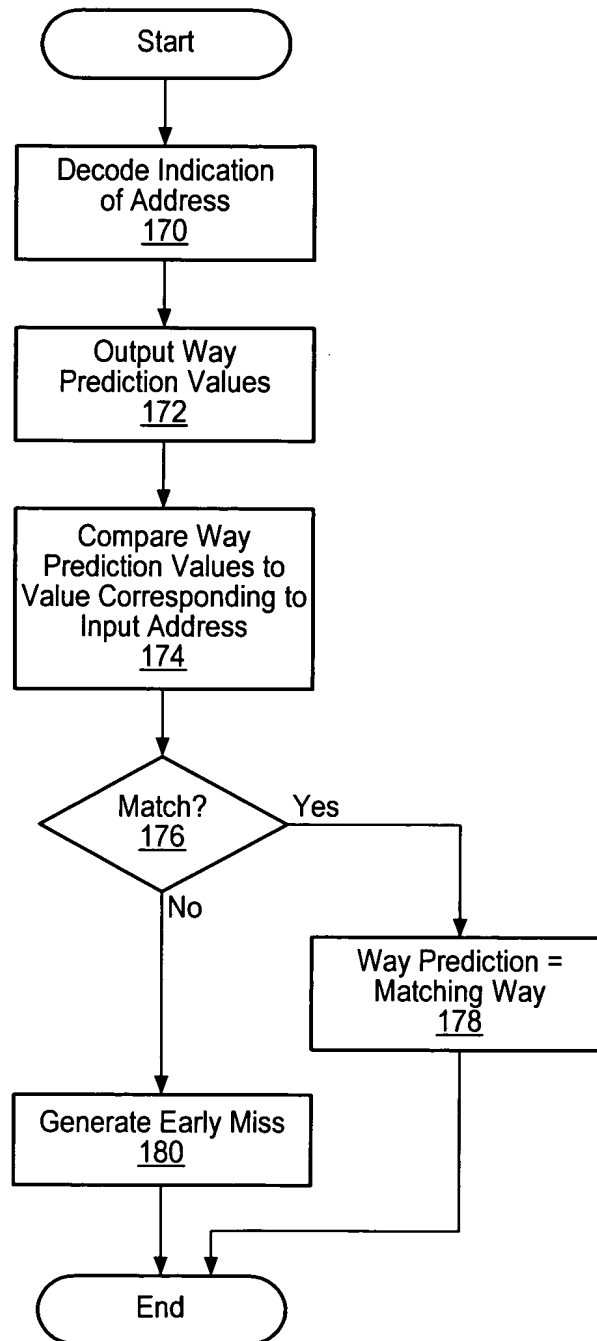


Fig. 14

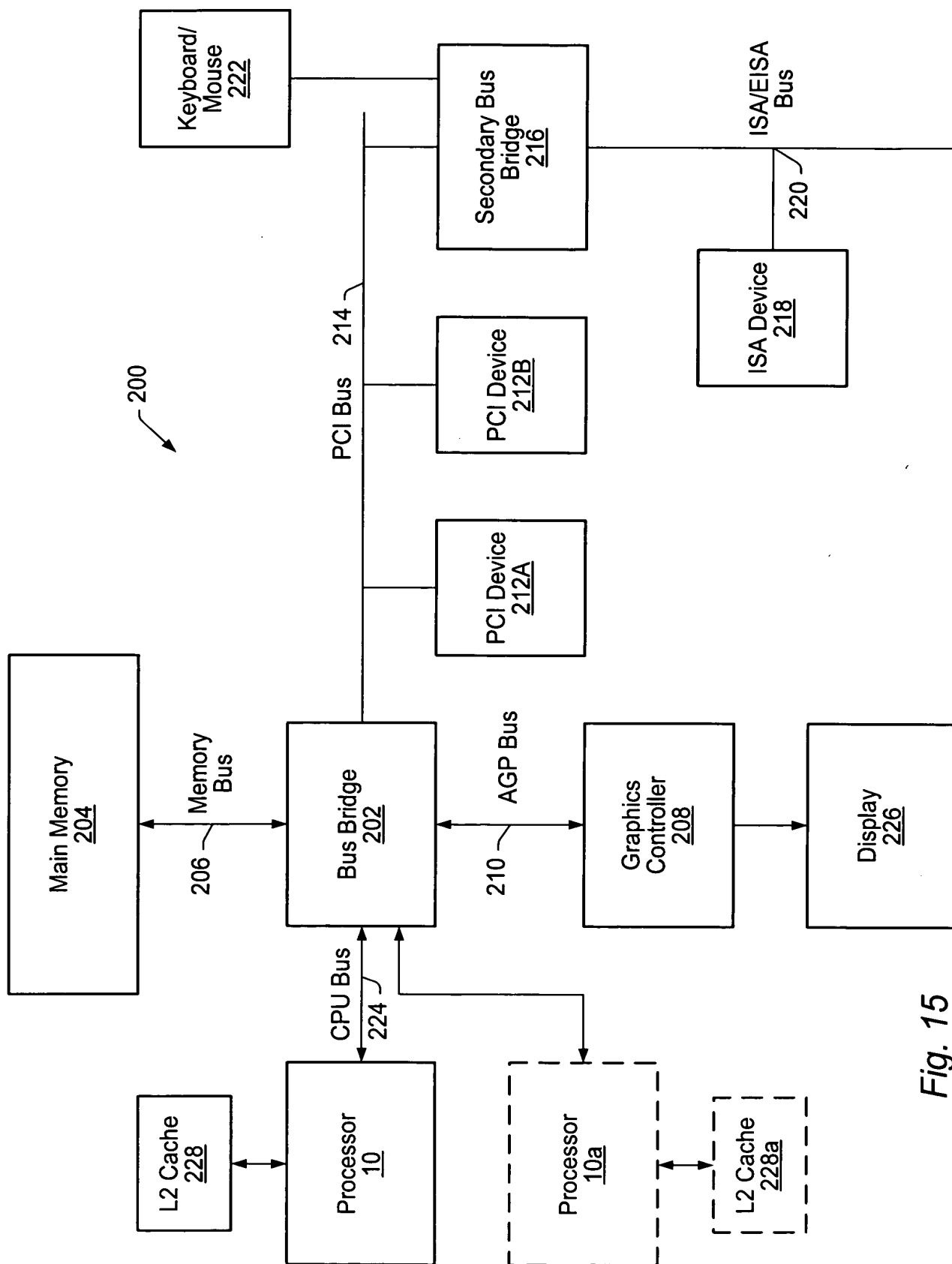


Fig. 15

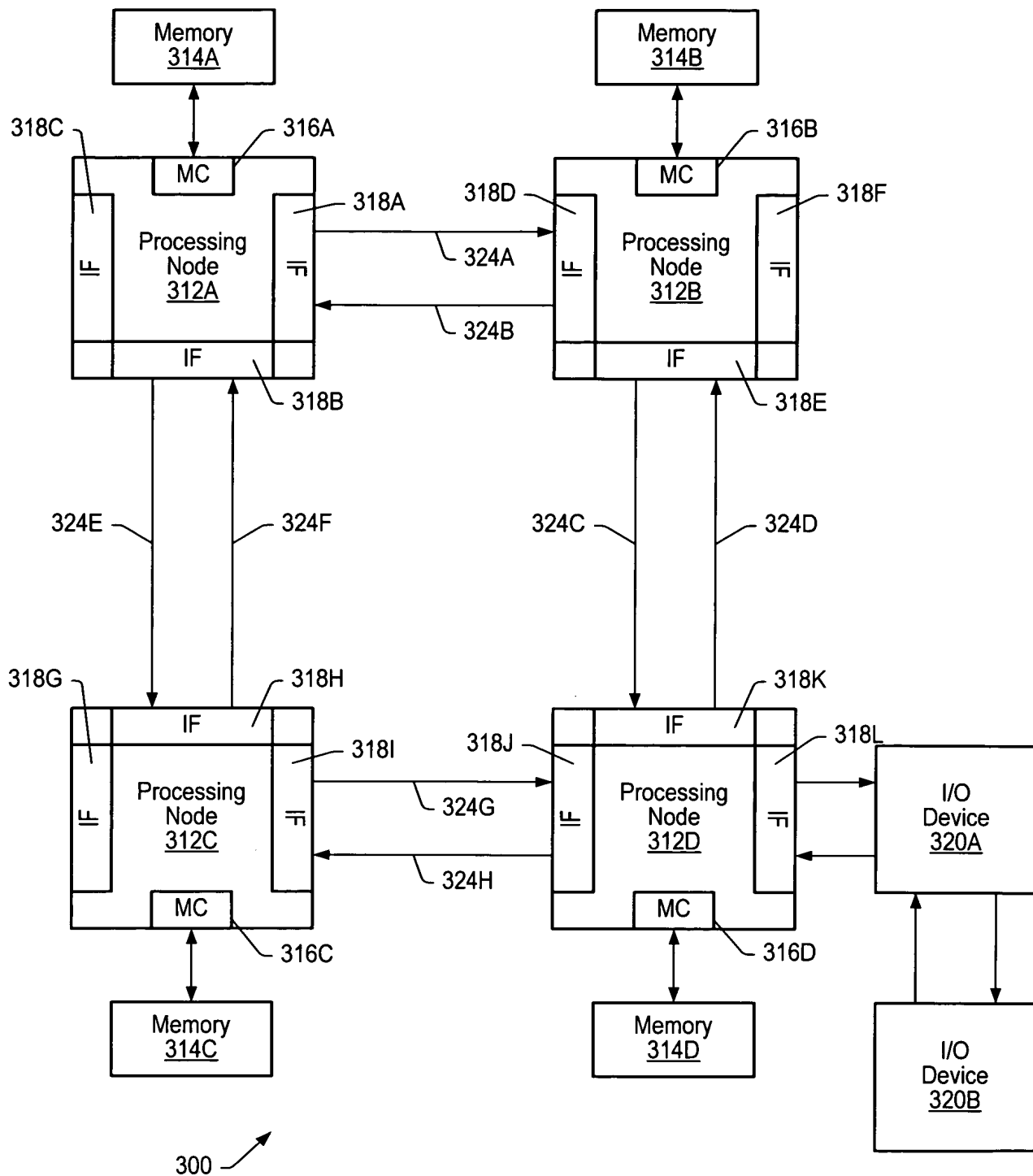


Fig. 16